

## **AMENDMENTS TO THE CLAIMS:**

This listing of claims will replace all prior versions, and listings, of claims in the application:

### **Listing of Claims:**

1 (Previously amended): A method for identifying an individual having a disorder comprising a step of detecting a presence or absence of a Primary Sclerosing Cholangitis, hereinafter, PSC, associated retroviral nucleic acid molecule, wherein said nucleic acid molecule comprises SEQ ID NOs: 1, 2, 3, 4, 5, 6, 7, or the compliment thereof, wherein the presence of the retroviral nucleic acid molecule indicates that the individual has a disorder selected from the group consisting of PSC, Autoimmune Hepatitis, hereinafter AIH, Crohn's disease, and ulcerative colitis.

2. (Canceled)

3 (Currently amended): A composition comprising an isolated Primary Sclerosing Cholangitis, PSC, associated retrovirus encoded by a genome comprising a nucleotide sequence comprising SEQ. ID. NOs. 1, 2, 3, 4, 5, 6, 7, or the compliment thereof.

4 (Previously amended): A method for identifying an individual infected with the Primary Sclerosing Cholangitis, hereafter PSC, associated retrovirus comprising detection of a PSC associate retroviral nucleic acid molecule wherein said nucleic acid molecule comprises SEQ. ID. NOs. 1, 2, 3, 4, 5, 6, 7, or the compliment thereof, wherein the presence of the nucleic acid molecule indicates that the individual is infected with the PSC associated retrovirus.

5-6 (Canceled)

7 (Previously amended): A method for identifying an in vitro sample infected with the Primary Sclerosing Cholangitis, hereafter PSC, associated retrovirus comprising the step of detecting the presence or absence of the PSC associated Retroviral nucleic acid molecule wherein said nucleic acid molecule comprises SEQ. ID. NOs. 1, 2, 3, 4, 5, 6, 7, or the compliment thereof, wherein the presence of the nucleic acid molecule indicates that the sample is infected with the PSC associated retrovirus.

8-10 (Canceled)